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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/883,897	06/18/2001	Yun Lin	MS 160255.1/40062.109-US-	2566

7590 09/26/2003

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EXAMINER

ALAUBAIDI, HAYTHIM J

ART UNIT	PAPER NUMBER
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2171

DATE MAILED: 09/26/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/883,897

Applicant(s)

LIN ET AL.

Examiner

Haythim J. Alaubaidi

Art Unit

2171

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 18 June 2001.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-12 and 15-25 is/are allowed.
- 6) ☒ Claim(s) 13 and 14 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 18 June 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All   b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

### DETAILED ACTION

1. This communication is the first Non-Final action in regard to application No. 09/883,897 filed on June 18, 2001.
2. Claims 1-25 are presented for examination, of which claims 1, 13 and 15 are Independent Claims.
3. Claims 1-12 and 15-25 are allowed over the prior art of record.
4. Claims 13-14, are rejected under 35 U.S.C. 102(b).

### ***Claim Rejections - 35 USC § 102***

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. Claims 13-14, are rejected under 35 U.S.C. 102(b) as being anticipated by Bruce A. Cole (U.S. Patent No. 5,854,901 and Cole hereinafter).

Regarding Claim 13, Cole discloses

a namespace <sup>Field</sup>files representing a network file name for a remote file<sup>1</sup>

(Abstract), i.e.

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<sup>1</sup> Please note that "a network file name" as in the current Claim 13 can be interpreted to any URL or Website name on the Internet network.

The IP domain name is used to initiate the address discovery in the endpoint

(Col 3, Lines 21-22), i.e.

The user enters a preselected URL "http://new-router.cisco.com/" into the web browser 16.

(Col 3, Lines 29-30), i.e.

a DNS header including a broadcast DNS server address 40 and the preselected IP domain name 38 (new-router.cisco.com)

a unique file identifier

(Col 3, Lines 25-28), i.e.

Thus, the DNS request packet 22 is transmitted in an IP format and broadcast to all devices on network 20. The IP packet header includes an IP source address.

(Abstract), i.e.

the proposed IP address constitutes a unique address on a network segment.

(Col 1, Lines 13-21), i.e.

Devices connected on a network, such as routers and personal computers (PCs), must be assigned unique internet addresses in order to communicate with other systems over the internet. In order to assign and configure an IP address on a router, a system administrator typically connects a personal computer (PC) into a special serial port on the router. The system administrator manually identifies a unique IP address and then downloads the IP address through the PC to the router.

Regarding Claim 14, Cole discloses universal file identifiers<sup>2</sup>

(Abstract), i.e.

the proposed IP address constitutes a unique address on a network segment.

(Col 1, Lines 13-21), i.e.

Devices connected on a network, such as routers and personal computers (PCs), must be assigned unique internet addresses in order to communicate with other systems over the internet. In order to assign and configure an IP address on a router, a system administrator typically connects a personal computer (PC) into a special serial port on the router. The system administrator manually identifies a unique IP address and then downloads the IP address through the PC to the router.

***Allowable Subject Matter***

7. Claims 1-12 and 15-25 are allowed over the prior art of record.
8. The following is the Examiner's statement of reasons for the indication of allowable subject matter:

Regarding Independent Claims 1 and 15, Applicant's particular method and associated system in a client-server environment is purging from a client-side "delayed close list" only the cache open files with a unique identifier that is not the file name which matches the same unique identifier of a target file in a remote server in combination with the other limitations of the claims, was not disclosed by, would not

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<sup>2</sup> Please note that IP addresses are known to be uniquely assigned across the Internet network as identifiers of Websites and WebPages (Files).

have been obvious over, nor would have been fairly suggested by the prior art of record or that encountered in searching of the prior art.

The dependent Claims 2-12 being further limiting to independent Claim 1; and dependent Claims 14-25 being further limiting to independent Claim 15; definite and enabled by the Specification are also allowed.

***Other Prior Art Made of Record***

9. A. Chlanet al. (U.S. Patent No. 6,385,642) discloses Internet web server cache storage and session management system;

B. Kishi et al. (U.S. Patent No. 6,067,599) discloses time delayed auto-premigration of files in a virtual data storage system;

C. Caccavale (U.S. Patent No. 5,892,937) discloses real-time data cache flushing threshold adjustment in a server computer;

D. Caccavale (U.S. Patent No. 5,819,033) discloses system and method for dynamically analyzing and improving the performance of a network;

E. Caccavale (U.S. Patent No. 5,742,819) discloses system and method for dynamically analyzing and improving the performance of a network; and

F. Caccavale (U.S. Patent No. 5,732,240) discloses real-time data cache size adjustment in a server computer.

***Conclusion***

10. The prior art made of record and not relied upon is considered pertinent to Applicant's disclosure.

***Points of Contact***

11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Haythim J. Alaubaidi whose telephone number is (703) 305-1950. The examiner can normally be reached on Monday - Friday from 8:00 AM to 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Safet Metjahic, can be reached on (703) 308-1436.

Any response to this office action should be mailed to:


The Commissioner of Patents and Trademarks, Washington, D.C. 20231 or telefax at our fax number (703) 872-9306.

Hand-delivered response should be brought to Crystal Park II, 2121 Crystal Drive, 6<sup>th</sup> Floor Receptionist, Arlington, Virginia. 22202.

***Haythim J. Alaubaidi***

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Technology Center 2100  
September 12, 2003

  
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